

DNREC NEWS

The Delaware Department of Natural Resources and Environmental Control

Vol. 138

March 30, 2005



Ruth Ann Minner
Governor

John A. Hughes
Secretary

Inside

CALENDAR	2
BLACKBIRD FOREST .5	
TRI	7
MOSQUITO SPRAYING	8
NEW SEPTIC REGS	9
YOUNG ENVIRONMENTALIST	9
ENERGY STAR CHALLENGE	10
NEW PARK SIGNS	10
FIRST STATE HERITAGE PARK ..	12,14
REGULATORY UPDATE	15

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www.dnrec.state.de.us

Gov. Minner and DNREC Showcase Pike Creek Stream Restoration Project at Three Little Bakers *Delaware's Largest Stream Restoration Project*

Governor Ruth Ann Minner joined Department of Natural Resources and Environmental Control Secretary John A.

Hughes March 23 at the ceremonial groundbreaking for Delaware's largest stream restoration project. Hughes officially 'cut the ribbon' on this project by climbing in an excavator and scooping up a clawful of dirt along Pike Creek near the Three



Marcia Ernst

Hugo Immediato and Nick Immediato of the Three Little Bakers Country Club and Dinner Theatre chat with Governor Ruth Ann Minner at the groundbreaking for the Pike Creek Stream restoration project.



Maria A. Taylor

DNREC Secretary John A. Hughes leaves the excavator with Tom Gribbs, Meadville Land Service project manager, after ceremonially breaking ground for the project.

continued on page 3

Calendar

For information or registration for park events, please contact individual park offices. A listing follows the calendar.

MARCH

30 - Coastal Zone Industrial Control Board hearing-BP appeal of DNREC Coastal Zone Act status decision, 10 a.m., Stanton Campus, Delaware Technical and Community College. Contact Gail Donovan, (302) 739-6400.

30 - Public Meeting on Revised Management Plan for Delaware National Estuarine Research Reserve, 6:30 - 8 p.m., Blackbird Community Center, Townsend. Contact Mark Del Vecchio, (302) 739-3436.

APRIL

2 - Annual Beach Grass Planting, 9 a.m. – noon, Delaware Beaches. Contact Jennifer Luoma Wheatley, (302) 739-4411.

2 – White Clay Creek State Park program, Home Front Kids Mini-Camp, Session I: noon-4 p.m., Session II: 1-5 p.m., Judge Morris Estate, Polly Drummond Hill Road, Newark. Cost: \$15 per child. Pre-registration required. Contact the park office, (302) 368-6900.

2 – First Saturday in the First State, 9 a.m. – 5 p.m. Downtown Dover. For more information call (302) 739-1173.

3 – First State Heritage Park Concert, “Righter Than Rain”, 3 p.m., Christ Episcopal Church in Dover. For more information call (302) 739-1173

4 – White Clay Creek State Park program, Craft Sampler Monday at the Judge Morris Estate, 6:30 p.m., Judge Morris Estate, Polly Drummond Hill Road, Newark. Cost: \$25, which includes instructions and materials. For reservations, call (302) 368-6900.

7 – Public hearing, proposed amendments to 2001 Murderkill River Total Maximum Daily Load (TMDL) Regulation, 6 p.m., Felton Fire Hall, 9 E. Main St., Felton, Del. Contact Hassan Mirsajadi@state.de.us, Watershed Assessment, (302) 739-4590.

8 – White Clay Creek State Park program, Fun Frog Craft, 6:30 p.m., Discovery Room of the Nature Center. Pre-registration required. Contact the park office, (302) 368-6900.

8 - White Clay Creek State Park program, Fun Family Days, 7 p.m., Discovery Room of the Nature Center. Cost: \$4 and must be pre-paid to guarantee a spot; otherwise program is filled on first-come basis. Contact the park office, (302) 368-6900.

11 – White Clay Creek State Park program, Nature Nuggets, 10:30 a.m., Pre-registration required. Contact the park office, (302) 368-6900.

12 – Environmental Appeals Board hearing, Premcor appeal of air quality permits for pollution control upgrades at Delaware City Refinery, 9 a.m., DNREC auditorium, Richardson and Robbins Building, 89 Kings Highway, Dover. Contact Gail Donovan, (302) 739-6400.

- 14 – Water and our Changing Landscape: Perspectives from the Wild and Scenic White Clay Creek Watershed** – a symposium hosted by the White Clay Creek Watershed Management Committee, Clayton Hall, University of Delaware. For more details/updates, visit: www.whiteclay.org, or contact Linda Stapleford, riveradministrator@whiteclay.org, (302) 731-1756.
- 17 – White Clay Creek State Park program, *Turtles and Toads: “Live and Wild Program,”*** 2-4:30 p.m., Nature Center. Cost \$4. Contact the park, (302) 368-6900.
- 19 – Community Involvement Advisory Council meeting,** 9:30-11:30 a.m., Appoquinimink State Service Center. Contact Karen Garrison, (302) 739-4403.
- 22 - White Clay Creek State Park program, *Fun Frog Craft,*** 6:30 p.m., Discovery Room of the Nature Center. Pre-registration required. Contact the park office, (302) 368-6900.
- 22 - White Clay Creek State Park program, *Fun Family Days,*** 7 p.m., Discovery Room of the Nature Center. Cost: \$4 and must be pre-paid to guarantee a spot; otherwise program is filled on first-come basis. Contact the park office, (302) 368-6900.
- 23 – Christina River Cleanup,** 8 a.m. – noon, Christina River. Contact Thomas Moran, (302) 836-2555.
- 23 – White Clay Creek State Park program, *White Clay Creek Clean Up,*** 8:30 a.m., Chambers House Nature Center. Large groups should pre-register at (302) 368-6900.
- 24 – White Clay Creek State Park program, *Trail Explorers,*** 3 p.m., Carpenter Recreation parking area. To register, call (302) 368-6900.
- 26 – Environmental Appeals Board hearing, Premcor appeal of air quality permits for pollution control upgrades at Delaware City Refinery,** 9 a.m., DNREC auditorium, Richardson and Robbins Building, 89 Kings Highway, Dover. Contact Gail Donovan, (302) 739-6400.
- 30 – White Clay Creek State Park program, *Saturday Morning Nuggets,*** 10:30-11:30 a.m., Nature Center. Cost: \$3. Recommended age is 4-6 years old. Pre-paid registration will guarantee a spot. Call (302) 368-6900.

Park Offices:

Brandywine Creek State Park, (302) 577-3534; Nature Center, (302) 655-5740
 White Clay Creek State Park, (302) 368-6900; Nature Center, (302) 368-6560
 Bellevue State Park, (302) 577-3390; Arts Center, (302) 577-6540
 Trap Pond State Park, (302) 875-5153; Nature Center, (302) 875-5163
 Lums Pond State Park, (302) 368-6989; Nature Center, (302) 836-1724
 Fort Delaware State Park, (302) 834-7941
 Killens Pond State Park, (302) 284-4526
 Cape Henlopen State Park, (302) 645-8983; Nature Center, (302) 645-6852

Pike Creek Stream Restoration Project continued from page 1

Little Baker's golf course.

The Governor and Secretary Hughes were joined at the symbolic groundbreaking by all the major partners in this landmark project which will stabilize the severely eroded banks and restore health to a 4,000-foot section of a major creek in the Christina watershed. The project partners and guests got a first hand look at the work which is now actually in progress. The originally scheduled

continued on page 4

groundbreaking on March 8, was postponed due to high winds and snow.

Governor Minner expressed her pleasure saying “I applaud the Three Little Bakers, a private landowner, for setting a very important example of voluntary environmental stewardship. They have committed funding and enthusiasm along with their land, to an ecological restoration project that improves our state’s green infrastructure.” The governor emphasized that “voluntary environmental stewardship on private lands is extremely important in Delaware because 80 percent of the state’s land base is privately owned.”

The U.S. Environmental Protection Agency, the primary funding partner for the project was represented by Donald S. Welsh, regional administrator for EPA’s mid-Atlantic region. Welsh remarked, “I am extremely gratified to see EPA’s grant dollars at work just as we intended them, in a project that will use exemplary state-of-the-art techniques to breathe new life into the stream, its aquatic inhabitants, its shoreline habitat and improve water quality in the White Clay Creek Watershed, which is a source of drinking water for thousands of families in Delaware.”

Secretary Hughes thanked EPA and the many other funding partners –Three Little Bakers, owners of the property; the U.S. Department of Agriculture’s Natural Resources Conservation Service; Delaware Department of Transportation and the New Castle Conservation District. According to Hughes, “The only way we can be successful in environmental improvement projects like this is to have generous and cooperative partners who are firmly committed to the goals of the Governor’s Livable Delaware and Green Infrastructure initiatives.”

Stephen N. Williams, DNREC’s Ecological Restoration coordinator who spearheaded this project, pointed to the erosion saying, “These eroded stream banks are palpable and visible evidence of Pike Creek’s degradation, but there is a less visible problem – excessive amounts of sediment in the streambed and water column – which destroys habitat and challenges the survivability of macro-invertebrates and fish species like trout.” Williams went on to list several unique environmental features of Pike Creek that put it on a priority list for restoration: Pike Creek is part of the White Clay Creek Wild and Scenic River system; it serves as a source-water stream for public drinking water supplies in New Castle County; it is one of only a few trout put-and-take stocked streams in the Delaware; it is capable of providing a habitat corridor in an area of dense development; and it is a potential migration corridor for endangered bog turtles.

The Pike Creek Restoration Project will re-establish a natural pattern and geometry to the channel which will eliminate the excessive erosion. Native trees and shrubs will be planted on the stream banks and in the floodplain to shade the stream and help stabilize the channel. Forested wetlands will be created in the floodplain to slow floodwaters and increase the diversity of the aquatic ecosystem. All of these “fixes” will help to make Pike Creek more ecologically friendly.

Three contractors have been employed in this project. Biohabitats Inc. prepared the design plans and will provide guidance and oversight, Meadville Land Services Inc. is the construction contractor and Ecological Restoration and Management, Inc. will do the landscaping and plantings. Total cost of the project is \$781,000. The project is expected to be completed by this summer.

For more information, contact Steve Williams, Ecological Restoration Coordinator, (302) 739-4403 or Maria Taylor, Public Affairs Office (302) 739-4506.

continued on page 5

Community Plan to Preserve Rural and Natural Heritage of Blackbird Forest Area Now Available

Plan Calls for Collaborative Action by Residents, Nonprofits, and Government

Strategies to preserve and protect the Blackbird-Millington Corridor, a 50,000-acre green band stretching across the Delmarva Peninsula from the Cypress Branch and Millington area in Maryland to the Delaware Bay at the mouth of Blackbird Creek, are outlined in an 80-page plan just released by The Nature Conservancy and the Delaware Department of Natural Resources and Environmental Control.

The Blackbird-Millington Corridor Conservation Area Plan is the culmination of a year-long community process to create a common vision for preserving the natural and rural heritage of the area. A broad coalition of non-profits, government agencies, and local residents in the Blackbird Forest area has worked together to understand how the landscape is changing and to develop realistic strategies for conservation.

The result is a set of 37 strategic actions that utilize voluntary, incentive-based, and non-regulatory mechanisms for achieving conservation. They fall into five categories – land protection, habitat restoration, promoting compatible economic uses, education, and research – and include strategies for creating new or improved public policies and funding for the Blackbird-Millington Corridor.

One of the most important conclusions to emerge from the planning process relates to the role of forests. After much study and discussion, scientists, farmers and local community members all agreed that maintaining and connecting healthy forests is the key to preserving natural habitat and the rural quality of life in the area. “I knew going in to this planning process that scientists would identify Corridor forests as important for maintaining natural habitat and air and water quality,” says Jennifer Adkins, Blackbird Corridor Project Manager for The Nature Conservancy. “What I was less prepared for was the importance of forests to people who live in the Corridor – for privacy, hunting and other recreational opportunities, as well as concerns about clean water and air.”

The Blackbird-Millington Corridor stretches across the Delmarva Peninsula, from the Cypress Branch and Millington area in Maryland to the Delaware Bay at the mouth of the Blackbird Creek. From a birds-eye-view, the relevance of Corridor forests is unmistakable – this 50,000-acre green band is identifiable as one of the last remaining forested hubs on the Peninsula. With only 25% of Delaware’s original forests remaining, maintaining forest cover in this area is a top priority. However, the Corridor also includes two ecologically rich stream systems (Cypress Branch and Blackbird Creek), extensive areas of tidal wetland habitat, and Delaware’s highest concentration of coastal plain ponds – seasonal freshwater wetlands, sometimes called Delmarva Bays – that host an unusual collection of plants and amphibians.



continued on page 6

These natural habitats remain intact today thanks largely to the good stewardship of farm families who have relied on this abundant landscape for generations for survival, recreation, and inspiration. With mounting growth pressure from the Middletown-Odessa-Townsend (MOT) area to the north and Smyrna to the south, preserving rural and natural lands in the Corridor is increasingly challenging. To meet this challenge, the Corridor plan proposes a variety of conservation tools and resources. Some of these resources currently exist and some of them would involve expanding programs available to nonprofit organizations, public agencies, and private landowners.

Karen Bennett of the Division of Fish and Wildlife sees the Blackbird-Millington Corridor Conservation Area plan as a potential model for future conservation planning efforts in Delaware. "The Blackbird-Millington Corridor Conservation Area Plan is an excellent example of the kind of cooperative, community-based planning for conservation that Delaware needs and that the Governor's Livable Delaware initiatives seek to promote."

The Nature Conservancy and DNREC's Division of Fish and Wildlife are determined not to let this plan sit on a shelf. Already efforts are underway to implement many of the strategies. One such example is the use of a new DNREC Division of Fish & Wildlife Landowner Incentive Program to help Corridor landowners who want to restore key habitats on their properties by providing financial and technical assistance for reforestation and wetland and stream buffer restoration. Another strategy is the creation of a forest protection program modeled after the very successful Delaware Agricultural Lands Preservation program. The Department of Agriculture Planning Section and the Delaware Forest Service, with input from The Nature Conservancy and others, are developing a program to protect forests using mechanisms such as forest preservation districts and the purchase of development rights on forested land. This strategy has great potential for expanding forest preservation in the Corridor. Although this concept enjoys strong multi-agency consensus, it will require tremendous support from citizens and lawmakers to get this potential legislation passed and funded.

Residents can play a critical role in these and other strategies outlined in the plan. Maria Trabka, Project Director for The Nature Conservancy's Delaware Bayshores Program will be reaching out to priority landowners in the Blackbird-Millington Corridor. "There are options for people who want to preserve the rural and natural heritage of this place," says Trabka. "We want to make sure that residents and landowners are aware of those options and the programs that can provide them with technical and financial assistance."

The Executive Summary and the full report of the Blackbird Millington Corridor Conservation Area Plan are available online at www.dnrec.state.de.us/cwcs.

The Blackbird-Millington Corridor Conservation Plan was funded, in part, through a grant from the Delaware Division of Fish and Wildlife with funding from the Division of Federal Assistance, United States Fish and Wildlife Service under the State Wildlife Grants Program. Additional support was provided by the Crestlea Foundation, the Efroymsen Program, and members of the Delaware Chapter of The Nature Conservancy.

For further information, contact Jennifer Adkins, Blackbird Corridor Project Coordinator, The Nature Conservancy, (302) 654-4707 x122, or email, jennifer_adkins@tnc.org; and Karen Bennett, Program Manager, Natural Heritage and Endangered Species, DNREC Division of Fish and Wildlife, (302) 653-2883 x101, or email, Karen.bennett@state.de.us.

continued on page 7

Toxics Release Inventory Reports and Data for Calendar Year 2003 Available

The Delaware Toxics Release Inventory (TRI) reports and data for calendar year 2003 are now available through the Department of Natural Resources and Environmental Control.

On-site releases reported under TRI were higher by 19.6 percent when compared to 2002, but they were lower by 18.9 percent compared with 1998, when a large group of facilities began to report to the TRI program.

The primary reason for the increase in 2003 is that the Indian River Power Plant changed its method of estimating its hydrochloric acid release. Stack test data was used for 2003 data, whereas EPA emission factor methods were used in the recent past. This resulted in a significant increase in the reported release.

“Although we want lower numbers, particularly in on-site releases, we also strive for data accuracy, and accuracy will not be sacrificed. I know that with the continued efforts of the public, industry, and government, we can re-establish a downward trend in on-site releases,” said DNREC Secretary John A. Hughes.

The total TRI-reported waste amount, including on-site releases, transfers off-site, and waste managed on-site, was approximately 95.8 million pounds – a 3.9 percent decline from 99.8 million pounds in 2002 and a 37.1 percent decline from the 152.4 million pounds reported in 1998.

TRI covered facilities in Delaware and throughout the United States are required to submit information annually for certain toxic chemicals manufactured, processed, or otherwise used above threshold amounts. Covered facilities include primarily manufacturing facilities, oil and coal fired electric utilities and bulk petroleum terminals. Submittals contain information on the amount of each toxic chemical released to the environment and/or managed as waste by the reporting facility. Data from Delaware facilities is compiled in a database by DNREC, and reports summarizing the data are prepared and published.

For the 2003 calendar year, 84 facilities reported releases of 103 different TRI chemicals in Delaware. Reported on-site releases to the environment totaled approximately 9.6 million pounds. Of this amount, approximately 7.4 million pounds were reported as released to the air, while 1.3 million pounds were released to land and 916,000 pounds were released to water.

The TRI reporting requirements were expanded in 2000 to provide focus on specific chemicals identified as persistent, bioaccumulative, toxic (PBT) substances, such as dioxins. Several new substances identified as PBTs were added to the list of reportable substances. In addition, threshold amounts that trigger reporting were substantially lowered for PBTs. Lead and lead compounds were added to the PBT list in 2001. Of the 84 reporting facilities for 2003, 28 reported on PBT substances. Reported on-site releases to the environment of PBT substances totaled 27,365 pounds, up from 23,232 pounds in 2002, but down from 31,192 pounds in 2001.

The U.S. Environmental Protection Agency as of this date has not released the national 2003 TRI report. However, placing the 2003 Delaware reports alongside the 2002 EPA reports yields some rankings that provide a perspective for Delaware in the national TRI picture. This data shows that Delaware ranks 44th in the nation in total on-site releases for all TRI chemicals. For on-site releases, 58 facilities in the nation each released more individually than all the facilities in Delaware combined. Changes in the 2003 national values may change these rankings.

continued on page 8

The 2003 TRI data, as well as data from earlier years, is available in an easy to use, on line searchable format at: <http://www2.state.de.us/serc/search/index.htm> . Copies of submittals from individual facilities are available upon request. Because the program reporting requirements change each year, comparison with prior years may not be valid without proper adjustments.

DNREC has published both technical and non-technical reports summarizing the 2003 TRI data. Reports for the 2003 data and previous years are available on-line at: <http://www2.state.de.us/serc/reports.htm>

For further information, contact John Parker, Emergency Prevention and Response Branch, (302) 739-4791; or Melinda Carl, Public Affairs, (302) 739-4506.

DNREC to Begin Woodland-Pool Mosquito Spraying March 25

Weather permitting, this Friday (March 25) the Department of Natural Resources and Environmental Control's Mosquito Control Section will begin its annual spring woodland-pool spraying, treating many areas in New Castle, Kent and Sussex counties. Over the next few weeks, Mosquito Control staff will apply by helicopter a bacterially-produced insecticide, Bti, to control immature or larval stages of early-season mosquitoes that breed in shallow, short-lived woodland pools.

According to William Meredith, Mosquito Control Section administrator, the spraying will focus on wooded wetlands near cities, towns or large developments throughout the state, involving up to a total of several thousand acres of treatment. Aerial spraying of woodland pools must be completed before forest canopy leaf-out, which usually happens around mid-April, because leaves intercept aerial sprays before the insecticide can reach breeding pools on the forest floor.

"This early spraying is necessary to control larval stages of the spring woodland mosquitoes," said Meredith. "If they're not successfully controlled, many adult mosquitoes could take wing by early to mid-May and remain through late June." The adult mosquitoes can become particularly troublesome within 1-2 miles of their breeding origins, said Meredith, significantly affecting local quality of life for residents and visitors.

The amount of larval spraying will be determined by the extent of early spring wet woodlands, which in turn can vary from year to year based upon the past winter's precipitation patterns. Recent rainfall can also affect the amount of spraying. In areas where early attempts to control larval mosquito production are not successful, or where spray treatments could not be applied, it might then become necessary in May and June to spray different types of insecticides to control intolerable numbers of on-wing adult woodland-pool mosquitoes.

Fortunately, while some species of spring woodland-pool mosquitoes have been found to carry West Nile virus, the mosquito species primarily responsible for transmitting this disease to humans or horses occur later in the year, and usually come from other types of breeding habitats.

The U.S. Environmental Protection Agency has determined that Bti, when used in accordance with all EPA-approved instructions, can be applied without posing unacceptable risk to human health, wildlife or the environment.

Daily spray notices are posted on DNREC's website on the Mosquito Control web page at: www.dnrec.state.de.us/DNREC2000/Applications/Mosquito/index.asp.

For more information, contact William Meredith, Fish and Wildlife Mosquito Control Section, (302) 739-3493 or Melinda Carl, Public Affairs, (302) 739-4506.

DNREC Adopts New Septic Regulations Effective April 11

Department of Natural Resources and Environmental Control Secretary John A. Hughes signed an Order March 16 adopting revised Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal (Septic) Systems effective April 11, 2005.

Major changes include establishment of the Class H System Inspector license category along with inspection protocol covering a standardized procedure for the inspection of all septic systems in Delaware.

Also, the requirements for the use of a community-sized on-site wastewater system have been modified. Subdivisions less than 50 lots are not required to have a community sized system. Subdivisions of 50 lots or more with 50 percent or more of the on-site soils with limiting zones (for example, seasonal high water table) less than 48 inches will require a community sized system. Subdivisions of 50 lots or more with 50 percent or more of the on-site soils with limiting zones greater than 48 inches can utilize individual systems up to 99 lots. Any subdivision of 100 or more lots will require a community sized system.

Four public workshops, numerous meetings with stakeholders and two public hearings were held statewide concerning the proposed amendments. The revised regulations will be published in the April 1, 2005 Delaware Register.

For further information, please contact Jack Hayes or Dave Schepens, Ground Water Discharges Section, Division of Water Resources, (302) 739-4761.

DNREC Searching for Students Who Make a Difference

Nominations Sought for 12th Annual Young Environmentalist Award Program

The Department of Natural Resources and Environmental Control (DNREC) is seeking nominations for the 2005 Young Environmentalist of the Year award program. Awards will be given to students deserving recognition for their efforts in protecting the environment. Nominations must be based on actions or projects which have taken place between July 1, 2004 and June 30, 2005.

Teachers, classmates, parents, club or group leaders and others are encouraged to nominate Delaware students who have shown concern for Delaware and the planet through their environmental projects.

Nominations will be accepted between May 1 and June 3, 2005. A winner will be chosen from each of the following categories where award-quality projects are submitted:

- Elementary for students in grades 1-4
- Middle School for students in grades 5-8
- High School for students in grades 9-12

The Young Environmentalist program honors Delaware students whose actions have resulted in the protection, restoration or enhancement of Delaware's natural resources through one or more of the following means:

- Demonstrating Environmental Stewardship
- Initiating an Innovative Project
- Increasing Public Awareness
- Demonstrating Environmental Ethics

continued on page 10

A \$100 check and a gift certificate for a canoe, kayak or pontoon boat trip in one of Delaware's State Parks will be awarded to each category winner in recognition of his or her contribution to the community. Winners will be honored in a special ceremony at Governor's Day at the Delaware State Fair July 28, 2005.

This is the twelfth year for the award, which was established by DNREC colleagues and friends in honor of Dr. Edwin H. Clark II, who served as Secretary of DNREC from 1989 until 1993. Dr. Clark usually presents the award to the winners.

Information and nomination forms are available through the "Hot Topics" link or the "Educational Resources" link on DNREC's homepage, www.dnrec.state.de.us.

For further information, contact Maria Taylor, Public Affairs, (302) 739-4506.

DNREC and State of Delaware Join In EPA ENERGY STAR Challenge

The Department of Natural Resources and Environmental Control and the State of Delaware are committed to improving the energy efficiency of its school districts and encouraging commercial building owners to adopt smart energy practices by participating in the ENERGY STAR Challenge.

The ENERGY STAR Challenge, which was issued by the U.S. Environmental Protection Agency (EPA) on March 14, calls on building owners to assess energy usage, set efficiency improvement goals of 10 percent or greater, and make cost-effective improvements.

To support the challenge, Delaware is launching or expanding activities such as the following:

- Establishing the capability with utilities and school districts to rate the energy performance of schools using EPA's energy performance rating system;
- Providing training for school districts to help them identify the best opportunities for improvements,
- Participating in the EPA's ENERGY STAR Million Monitor Drive to power down computers in state buildings, and
- Incorporating ENERGY STAR products in state agency procurements, where possible, as required by recent Delaware legislation.

Commercial and institutional buildings use about \$80 billion worth of energy each year and contribute about 20 percent of U.S. greenhouse gas emissions. EPA estimates that if each building owner met the challenge, in 10 years they would reduce greenhouse gas emissions equivalent to the emissions from 15 million cars while saving about \$10 billion each year.

For more information, contact Jenefer Russum, Delaware Energy Office, DNREC, (302) 739-1530.

Gov. Minner Unveils New Signs for First State Heritage Park at Dover

City: Text of Press Release: Governor Ruth Ann Minner unveiled the first of several interpretative wayside signs designed for the First State Heritage Park at Dover Thursday, March 24. The signs, located outside of Legislative Hall, contain information about this historical building and its role as part of the downtown area's new urban park.

continued on page 11

“Our goal is to make the First State Heritage State Park at Dover a major tourist destination,” said Governor Minner. “As we encourage people to discover Delaware’s capital, it is fitting that Legislative Hall - the home of our state’s General Assembly be the first spot visitors can learn more about our great state’s history, in addition to touring the other park sites.”

The park incorporates close to a dozen state-owned sites, including Legislative Hall, the State House Museum, Museum Square, which features the Johnson Victrola Museum, the Archaeology Museum and the Museum of Small Town Life; the Governor’s House at Woodburn, the Delaware State Museums’ Visitor Center, which also houses the nonprofit Biggs Museum; Delaware Public Archives and Legislative Mall. This “park without boundaries” is a state interagency partnership between the Department of State, the Department of Natural Resources and Environmental Control and the Delaware Economic Development Office.

Several local tourist attractions are also part of the First State Heritage Park at Dover, including many historic churches, the Green and Constitution Park, the Schwartz Center for the Arts, the Dover Art League and the Golden Fleece Tavern.

The interpretative wayside signs – to be installed at many of the park sites - allow visitors to learn about the park’s historic sites even when they are closed. The signs also feature a park map, so sightseers can take self-guided walking tours.

“Urban parks link existing sites throughout a city to paint the total picture of the city’s history and culture. What better place to have this kind of park than right here in Delaware’s capital city,” Minner said.

Since its inception almost a year ago, the First State Heritage Park at Dover has extended Saturday hours until 5 p.m., is open most holidays, and has established the “First Saturdays in the First State” program that features uniformed hours for all park sites and guided tours of Legislative Hall on the first Saturday of each month. April’s “First Saturdays in the First State” programs will recognize the 140th anniversary of the ending of the Civil War. May’s park programs will be part of the Dover Days’ festivities and June will celebrate race weekend in Dover.

Legislative Hall’s wayside sign is the first of several to be designed for the various park sites. Other ideas being considered to attract tourists are guided walking tours, concerts, horse-drawn carriage rides and special programs for families and school groups.

For more information, contact Gregory Patterson, Governor’s Office, (302) 744-4222 or (302) 242-9318; or Ray Bivens and Elaine Brenchley, Division of Parks and Recreation, (302) 739-4413.

DNREC to Participate in Greenwing Event April 2

DNREC Division of Fish and Wildlife Director Patrick J. Emory and Green Infrastructure Coordinator William Whitman will serve as judges at the 11th annual Junior Duck Stamp competition to be held Saturday April 2 during the Greenwing event for youth sponsored by the Delaware State Chapter of Ducks Unlimited.

Some 3,200 youths have registered to attend the Greenwing event at Owens Station on Hunter’s Cove Road in Greenwood, Del.

Other judges for the Junior Duck Stamp competition are Lt. Governor John C. Carney Jr., Secretary of Agriculture Michael T. Scuse and Duck’s Unlimited President John Tompke. Local schools statewide have sent 203 entries for the competition. Delaware’s “Best of Show” will be sent

continued on page 12

to Washington, D.C. for the national judging to be held April 30.

The Greenwings event will feature a full day of conservation, public safety and education for youths ages 6 to 16 from 9:30 a.m. to 3:30 p.m.

Pre-registration is required. For further information, contact Tony Senn, (302) 422-5068, or Rick Berry, (302) 674-0444.

The First State Heritage Park at Dover Commemorates 140th Anniversary of the End of the Civil War April 2

The 140th anniversary of the ending of the Civil War will be commemorated by the First State Heritage Park at Dover during the April 2 “First Saturdays in the First State.”

Civil War re-enactors from Fort Delaware will be featured on Legislative Mall, creating a snapshot of military life in 1865. Lee Jennings, historian for Delaware State Parks, will offer a free Civil War presentation at Legislative Hall at 1 p.m. “*The Four-Way Horse Race: The Presidential Election of 1860*” addresses Delaware’s political response to succession, focusing on events leading up to the 1860 election and the outbreak of the civil war. Photographs and documents of the era will be on exhibit. Legislative Hall, the capitol building for the State of Delaware, will be open for tours throughout the day, with the last tour leaving at 4 p.m.

The sites linked by The First State Heritage Park at Dover include Legislative Hall, Delaware Public Archives, the Old State House Museum and other Delaware State Museums sites, and the Biggs Museum of American Art. Tours and exhibits will be offered at all the sites which are open Saturday from 9 a.m. until 5 p.m. Admission is free.

Partner sites at The First State Heritage Park at Dover will also offer special programming. The Delaware Public Archives Documentary Movie Series features the Depression-era film *The Road is Open Again* (1933) as well as *The Plow That Broke the Plains* (1936), the classic film about the Dust Bowl.

Featured at the Biggs Museum of American Art is the exhibition, *Edward W. Redfield: Just Values and Fine Seeing*, and Biggs Kids children’s programming, which this month features landscapes. Delaware State Museums’ Quilt Exhibit continues at the Visitor Center, the State House Museum and Museum Square sites will also offer tours.

Centrally located free parking is available at the Delaware Public Archives, 121 Duke of York Street.

The First State Heritage Park at Dover is an interagency partnership between the Delaware Department of State, the Delaware Department of Natural Resources and Environmental Control, and the Delaware Economic Development Office. Governor Ruth Ann Minner created the First State Heritage Park Task Force by executive order in April 2004.

For more information about April First Saturday programs, the public may call 302-739-1173.

If You Go:

LEGISLATIVE HALL, Legislative Avenue

PHOTO ID IS REQUIRED FOR ENTRY TO LEGISLATIVE HALL.

1 p.m.: Lee Jennings, Delaware State Parks historian

“*The Four-Way Horse Race: The Presidential Election of 1860*”

Delaware’s political response to succession, focusing on events leading up to the 1860 elec-

tion and the outbreak of the civil war are discussed. Key Delaware legislators and their positions on these events of 1860 will be introduced. Photographs and documents of the era will be on exhibit. Guided tours begin hourly, 9 a.m. through 4 p.m. The tour includes the General Assembly chambers, the governor's ceremonial office, the portrait gallery of Delaware's governors and military heroes, Jack Lewis murals and Delaware State Museums' exhibit of a selection of items recovered from the De Braak shipwreck.

DELAWARE PUBLIC ARCHIVES, 121 Duke of York Street

10:30 – 11:15 a.m.: DOCUMENTARY MOVIE SERIES

The Road is Open Again (1933)

In this brief depression era film, a songwriter falls asleep while writing a song about the National Recovery Administration. He dreams that Presidents Washington, Lincoln and Wilson appear in his room, asking him why he wants to write such a song and reassuring him that President Franklin Delano Roosevelt is on the right path. When he starts singing his new song, he finds himself alone, but he knows that FDR will lead the United States back on the road to prosperity. (Five minutes)

The Plow That Broke the Plains (1936)

The Plow that Broke the Plains is the classic film about the Dust Bowl directed by Pare Lorentz. Produced by the Resettlement Administration, it has been one of the most widely praised and studied documentaries in America. (29 minutes)

The Bill of Rights Returns Again to Delaware

The "Jewel Box" at the Archives features a return visit of Delaware's copy of the Bill of Rights. Permanently housed at the National Archives, it returned to Delaware in 2003 for the first time since 1789. Through a 25-year agreement with the National Archives, the state's copy of the Bill of Rights will reside in Delaware from December 7 (Delaware Day) to July 4 each year, returning to the National Archives for conservation work during the intervening time. While it is here, it is being stored and displayed under strictly regulated humidity, temperature and lighting conditions. Security surrounding the iconic document is also tight. It is contained in a protective case and an armed guard will stand watch whenever it is on display. The case is housed inside a safe, which will be secured after exhibition hours. Motion detectors and other intruder-detection sensors protect the safe itself.

DELAWARE STATE MUSEUMS

Delaware State Visitors Center, 406 Federal Street

Special Exhibition: Stitches of Art and Comfort: Delaware Quilts, 1740-2002

The American tradition of quilting is celebrated in this display of 100 unique Delaware-made quilts whose colors and patterns provide clues to the history and culture of the state, the region and the nation from the 18th century to the present. The quilts featured in this newly opened exhibition have been selected from the permanent collection of Delaware State Museums and include eight quilts on loan.

Featuring quilts from all the recognized period styles of quilt history and representing all areas of the state of Delaware, each piece reflects the personality and passion of its maker. Quilts were made to commemorate births, engagements, marriages, friendships, partings and deaths – serving as a remembrance of an event.

State House Museum, The Green

Ongoing tours.

Museums Square, Bank Lane and New Street:

- Johnson Victrola Museum
- Archaeology Museum
- Museum of Small Town Life

THE BIGGS MUSEUM OF AMERICAN ART, 406 Federal Street

Special Exhibition: Edward W. Redfield: Just Values and Fine Seeing

A retrospective exhibition of works by Bridgeville native and leading Pennsylvania Impressionist artist, Edward W. Redfield. Features 20 works spanning the artist's career. The exhibition runs through April 26 and includes student drawings, a personal journal, seascapes, a cityscape, as well as the Bucks County seasonal landscapes for which he is best remembered. Craft items produced by Redfield also will be on view.

BIGGS KIDS 2:00 p.m. "Landscapes Galore!"

On the first Saturday of each month, the Biggs Museum offers special programs designed for children ages 5 to 10. Hands-on activities and fun for the whole family. April's theme is landscapes. Kids will learn about different kinds of landscape paintings and make one of their own to take home.

For more information, contact Elaine Brenchley, First State Heritage Park director, (302) 739-4413.

The First State Heritage Park at Dover Presents "Righter Than Rain" in Concert April 3 at Christ Episcopal Church

"Righter Than Rain" will appear in concert at 3 p.m. on Sunday, April 3 at Christ Episcopal Church in Dover. The concert is sponsored by *The First State Heritage Park at Dover* and made possible, in part, by grants from the National Endowment for the Arts and the Delaware Division of the Arts, a state agency committed to promoting and supporting the arts in Delaware.

"Righter Than Rain" features Chris Braddock, guitar and dobro; Keith Calmes, guitar and mandolin; and Dan Graper, guitar and banjo in a diverse instrumental program of classic and contemporary bluegrass, Celtic, and gospel music, on various combinations of guitar, mandolin, dobro and banjo.

The members of "Righter than Rain" perform and teach throughout the tri-state area in a variety of musical settings. They are published arrangers and award-winning composers who first came together through their common background in classical guitar. In their collaborations at jam sessions, gigs, and chamber music recitals, they gradually discovered a mutual love for folk music, an uncommon musical and personal rapport, and a knack for bouncing from one instrument to another, sometimes within the same song. Dan, Keith, and Chris offer a program of traditional music that is sometimes faithful, occasionally surprising, and always engaging.

The First State Heritage Park at Dover is an interagency partnership between the Delaware Department of State, the Delaware Department of Natural Resources and Environmental Control, and the Delaware Economic Development Office. Governor Ruth Ann Minner created the First State Heritage Park Task Force by executive order in April 2004.

For further information, call (302) 739-1173.

Regulatory Update

Recently Adopted Regulations and Regulations Under Appeal

2004-11: Amendment to Regulations Governing Tidal Finfish No. 3553: River Herring Creel Limit. This action establishes a possession limit for river herring at 25 per day unless the possessor has a valid commercial fishing license or a receipt from a commercial fisherman for the river herring. The possession limit was proposed to prevent establishment of a bait fishery for river herring in tidal tributaries. This regulation does not affect normal commercial fishing operations but will impact recreational fishermen who take live river herring as bait for sale. Contact Roy Miller, 739-3441. **Effective date – March 11, 2005**

2004-13: Amendment to Tidal Finfish Regulation No. 3505. Striped Bass Commercial Fishing Season; Quotas; Tagging and Reporting Requirements. This action increases commercial gill net season for striped bass to extend from Feb. 15 through May 31 instead of the present March 1-April 30 open season and requires the use of drift nets for any gill nets having a mesh size of 4 inches or greater that are used to take striped bass during the February striped bass season extension. This action also increases the duration of the commercial hook and line fishing season for striped bass from April 1 through and including Dec. 31 instead of Sept. 1 through Dec. 31; and requires the use of non-offset “circle hooks” when fishing with natural bait in the designated striped bass spawning areas during the April 1-May 31 spawning season to reduce mortality rates from catch and release recreational fishing. Required use of circle hooks only applies to hooks having a gap greater than 3/8 inches as measured from the hook point to the shank. Contact Roy Miller, 739-3441. **Effective date – Feb. 10, 2005**

2004-12: Addition to Regulation No. 43 – Not To Exceed Heavy Duty California Engine Standards. This action adopts the Heavy Duty Diesel portion of the federal rule on 2007 and later heavy duty engines in order to preserve the emission reduction benefits of that rule should EPA delay, diminish or even delete its adopted rule. This action is a “backstop” action that would only become necessary and in effect on 2007 and later model year heavy duty diesels if EPA takes any of the three options. Contact Philip Wheeler, 323-4542. **Effective date – Feb. 10, 2005**

2004-06: Amendments to Delaware Regulations Governing Aboveground Storage Tanks. This action addresses the signage requirements passed in Senate Substitute 1 for Senate Bill 344 and provides clarification to portions of the regulations. The regulations impact all owners of hazardous substance aboveground storage tanks greater than 250 gallons, owners of petroleum aboveground storage tanks other than heating fuel, diesel and kerosene greater than 250 gallons, unless otherwise exempt, and owners of heating fuel, diesel and kerosene aboveground storage tanks greater than 19,999 gallons. This includes both large and small businesses, some agricultural companies and farms. Contact Alex Rittberg, 395-2522. **Effective date – Feb. 11, 2005**

2001-21: **Amendments to Sediment and Stormwater Regulations.** This action allows a greater degree of flexibility for types of practices that could be considered for approval and would result in more low-impact stormwater practices such as bio-retention, bio-swales and buffers being used to meet water quality requirements. Contact Frank Piorko – 739-6724. **Effective date – Feb. 11, 2005**

97-11: **Implementation of September 27, 1994 MOU among Ozone Transport Commission states on development of a regional strategy for control of stationary source Nitrogen Oxide (NOx) emissions.** This regulation reduces NOx emissions from fossil fuel fired boilers or indirect heat exchangers with a maximum rated heat input capacity of 250 MMBTU/hr, or more; and all electric generating facilities with a rated output of 15 MW, or more. Contact: Ron Amirikan – 323-4552. **Effective date - April 1, 1999.**

April 16, 1999 - Appealed to Environmental Appeals Board by Motiva Enterprises and Delmarva Power and Light Company; **April 20, 1999 -** Motiva and Delmarva Power filed a civil action for a review of the Order in Superior Court for New Castle County.

Regulatory Actions Underway:

2005-05: **Development and adoption of Total Maximum Daily Loads (TMDLs) for nutrients, oxygen demanding materials, and bacteria for Marshyhope Creek, Choptank River, Chester River, and the Pocomoke River, Delaware.** This action will establish a cap (limit) for the amount of nutrients, oxygen demanding materials, and bacteria that can enter the waters of the Marshyhope Creek, Choptank River, Chester River and Pocomoke River. Setting the cap is necessary to improve water quality and help maintain fishable and swimmable waterways for the state's citizens. Contact John Schneider, 739-4590

2005-04: **Development and adoption of Total Maximum Daily Loads (TMDLs) for nutrients, oxygen demanding materials, and bacteria for the St. Jones River, Delaware.** This action will establish a cap (limit) for the amount of nutrients, oxygen demanding materials, and bacteria that can enter the waters of the St. Jones River from point and nonpoint sources. Setting the cap is necessary to improve water quality and help maintain fishable and swimmable waterways for the state's citizens. Contact John Schneider, 739-4590

2005-03: **Development and adoption of Total Maximum Daily Loads (TMDLs) for nutrients, oxygen demanding materials, and bacteria for the Broadkill River, Delaware.** This action will establish a cap (limit) for the amount of nutrients, oxygen demanding materials and bacteria that can enter the waters of the Broadkill River from point and nonpoint sources. Setting the cap is necessary to improve water quality and help maintain fishable and swimmable waterways for the state's citizens. Contact John Schneider, 739-4590

2005-01: **Amendments to Tidal Finfish Regulations affecting the 2005 recreational summer flounder fishery and recreational black sea bass fishery.** Delaware can maintain the same management measures used in 2004 for the 2005 recreational summer flounder fishery since the harvest cap was not exceeded in 2004. Six of the eight options that were presented in 2004 and will be

presented again include extended seasonal components to compensate for an 8 percent increase in the state's harvest cap for 2005. Another amendment to the tidal finfish regulations will eliminate any reference to a closed season for recreational black sea bass anglers in 2005. This is proposed because the coast wide requirements for recreational black sea bass fishermen in 2005 are a 12-inch minimum size length with a 25-fish creel limit and no closed season. Contact Richard Cole, 739-4782

Public hearing held Feb. 24 in Dover.

2004-17: Amendment to Regulation 25 "Requirements for Preconstruction Review" of Delaware Regulations Governing the Control of Air Pollution. This action will address the EPA new source review reforms. The Department will evaluate the revised federal requirements; either incorporate, incorporate with changes or not incorporate the new requirements into Regulation 25; and (as required) will ensure that Regulation 25 is overall, at least as stringent as the federal requirements. Contact Gene Pettingill, 323-4542

2004-16: Total Maximum Daily Loads (TMDLs) for nutrients, oxygen demanding materials, and bacteria for Shellpot and Naamans Creek in Delaware. This regulation will establish a cap for the amount of nutrients, oxygen demanding materials and bacteria that can enter the waters of Shellpot Creek and Naamans Creek. This action is necessary to improve water quality and help maintain fishable and swimmable waterways for citizens of the state. Contact John Schneider, 739-4590

2004-16: Amendment to Regulation 25, "Requirements for Preconstruction Review" of the state's Regulations Governing the Control of Air Pollution. Under this action, the Department will evaluate the revised federal requirements for the state's new source review program; either incorporate, incorporate with changes or not incorporate the new requirements/concepts into Regulation 25; and ensure that Regulation 25 is at least as stringent as the federal requirements, as required. Contact Gene Pettingill, 323-4542

2004-15: Amendment to Regulations Governing the Control of Water Pollution. This action would establish a general permit program for Confined Animal Feeding Operations (CAFOs). DNREC developed the proposed regulations cooperatively with the Department of Agriculture, Delaware Nutrient Management Commission, Natural Resources Conservation Service and the University of Delaware. Contact Peder Hansen, 739-5731

Public hearing held Jan. 25, 2005

2004-14: Amendment to Surface Water Quality Standards. This action will clarify the way in which fecal enterococci bacteria determined to be of wildlife origin are considered when implementing water quality standards. Typographical errors in the existing regulation will also be corrected. Contact John Schneider, 739-4590

2004-10: Amendment to Delaware's Phase II Attainment Demonstration State Implementation Plan by completing the mid-course review requirement. Delaware is required to submit to EPA a plan revision to demonstrate its capability of attaining the 1-hour National Ambient Air Quality Standard for ground-level ozone in Kent and New Castle counties in 2005. The mid-course review will analyze Delaware's ambient air quality and emission data to demonstrate (1) adequate progress

in emission control has been made under the 1-hour ozone standard that will be revoked in 2005, and (2) such progress is consistent with attaining the new 8-hour ozone standard in 2010. Contact Frank Gao, 323-4542

2004-09: Delaware's proposed 2002 Milestone Compliance Demonstration. This is a required step to attain the 1-hour National Air Quality Standard for ground-level ozone in Kent and New Castle counties. Delaware is required to submit a plan revision for each milestone year (1996, 1999, 2002 and 2005) to demonstrate that the actual emissions of volatile organic compounds and/or oxides of nitrogen in Kent and New Castle counties to not exceed the required emission targets specified in Delaware's Rate-of-Progress Plans. This action is to conduct a compliance analysis for the milestone year of 2002. Contact Frank Gao, 323-4542

2004-08: Amendments to Non-tidal Fishing Regulations. This action will make it unlawful for anyone to transport, purchase, possess, stock into public or private waters of the state or sell live northern snakehead fishes without the written permission of the Director of the Division of Fish and Wildlife. Contact Roy Miller, 739-3441

2004-07: Revisions to Regulations Governing Hazardous Substance Cleanup. This action will establish procedures for implementing the Brownfields Development Program, including participation in the new program, presumptive project and investigation procedures and work plans, public notice requirements and risk sharing agreements. Contact James Poling, 395-2636, Paul Will, 3952626 or Alex Rittberg, 395-2642.

2004-05: Amendments to Delaware Regulations Governing Solid Waste. This action would update and enhance various sections of the regulations and help improve understanding and implementation of the solid waste requirements. Contact Karen J'Anthony, 739-3689

2003-24: Development of a new regulation to be added to the Regulations Governing Solid Waste. This action would institute a ban on the disposal of yard waste in Delaware landfills, and is a critical part of a larger waste management strategy directed toward environmentally and economically efficient waste management. The waste ban is designed to: conserve capacity at existing landfills; minimize the need to construct new or expand existing landfills; signal the composting and mulching industry that these materials are available for processing and marketing; return this valuable material to the market place as opposed to landfilling it; and reduce the emission of greenhouse gases. Contact James Short, 739-3689

2003-21: Amendment to the Total Maximum Daily Loads (TMDLs) for nutrients and oxygen demanding materials for the Murderkill River Watershed. This action would revise the cap and is necessary in light of recently collected data. It would amend the original regulation adopted in December 2001 and would apply to the entire watershed including Browns Branch, Double Run, tidal and freshwater portions of the Murderkill River and several ponds and lakes. Contact John Schneider, 739-4590

2003-19: Delaware Coastal Management Program Comprehensive Update and Routine Program Implementation. This action would update all coastal management program policies to incorporate changes in state statutes, department regulations and executive orders since the last program's September 1998 update. Contact Sarah Cooksey or Bonnie Willis, 739-3451

2003-18: New "Regulation, 45, Anti-Idling Regulation" of the state's Regulations Governing the Control of Air Pollution. This action would regulate the idling time for operation of heavy-duty vehicles in Delaware having a gross vehicle weight rating of over 8,500 pounds. The regulation will continue state efforts to reduce emissions of NOx (nitrogen oxides), particulates and other tailpipe pollutants from vehicles operating in the state. Contact Philip Wheeler, 739-4791

2003-17: Amendments to the Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal (Septic) Systems. This action would update the regulations to include statutory changes that authorize DNREC to establish a license for persons who inspect septic systems and other on-site wastewater treatment systems. It also sets an annual license fee for septic system designers, installers, site evaluators, liquid waste haulers, inspectors and percolation tests, similar to other license fees charged by DNREC. Contact Jack Hayes, 739-4761

2003-16: Development of a State Implementation Plan (SIP) revision to include a case-by-case alternate volatile organic compound reasonably available control technology determination. This action would address the FP International, Newark, Del. facility's expandable polystyrene packing material manufacturing process. Contact Frank Gao, 323-4542

2003-10: Development of a new Distributed Generation Regulation covering on-site electric generators of small to medium capacity. In general, emissions from small and medium size on-site electric generators are currently uncontrolled in Delaware. Most of these units run on fossil fuels such as diesel and contribute to the secondary formation of ground-level ozone and fine particulate matter. Some are used to help utilities meet peak demand periods that frequently correspond with summer ozone action health alert days. This means that emissions from these units are frequently at their highest when the health threat from ozone is at its worst. Use of these units is growing and the Department is initiating this action to specifically control this category of emitters. Contact Al Deramo, 739-4791

2003-09: Amendment to Regulations Governing the Control of Air Pollution: new section – Requirements for Minor Source Pre-Construction Review (Minor NSR). This action would ensure that best available emission controls are installed at the time that smaller, but very significant, sources are constructed and modified to help manage Delaware's air resources. Contact Gene Pettingill, 323-4542

2003-07: Amendments to the Regulations Governing Beach Protection and the Use of Beaches adopted in 1983. This action would increase the effectiveness of the Coastal Construction Program and improve its protection of the beach and dune system. The amendments would reduce ambiguity, close possible loopholes and limit the amount and type of construction permitted seaward of the Building Line. Redrawing the building Line, incorporating changes to the Beach Preservation Act

and adding new construction standards for waterfront buildings will result in less damage to structures and improvements to the natural dune and beach resource. Contact Maria Sadler, 739-4111

2003-03: Re-issuance of the Regulations Governing Storm Water Discharges Associated with Industrial Activities. The reissued regulations will expand the existing regulations to include additional requirements for discharges of storm water associated with industrial activities. Contact Amber Moore, 739-5731

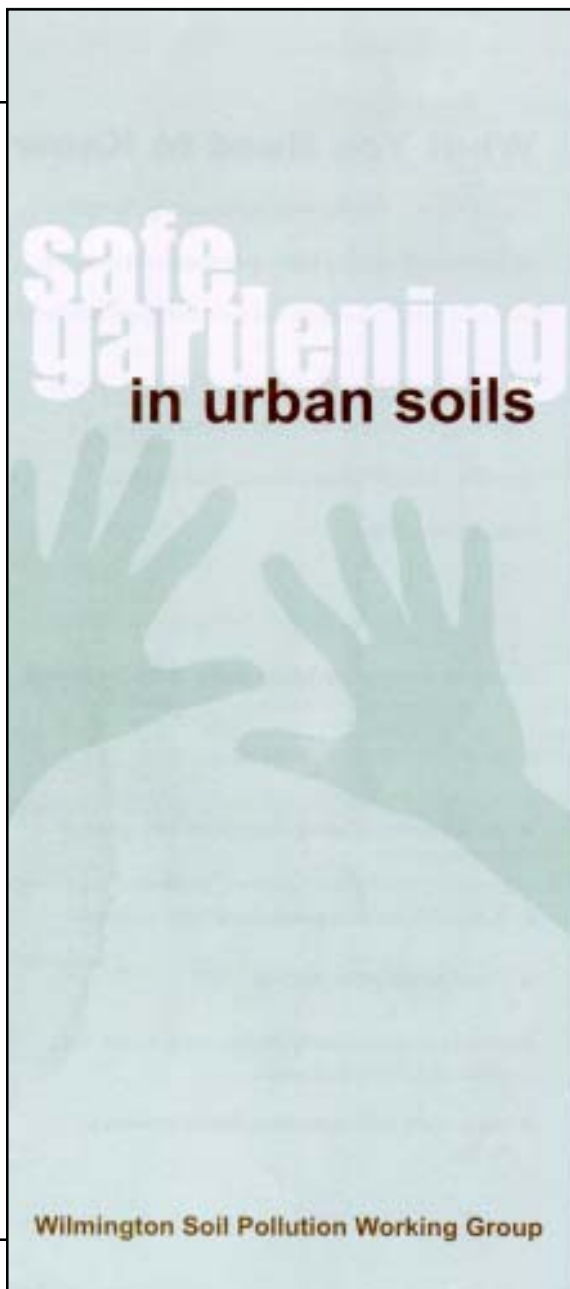
2003-02: Amendment to Subpart A, Regulation 38, Emission Standards for Hazardous Air Pollutants for Source Categories. These general provisions establish applicability, definitions, compliance, notification, performance testing, monitoring, record keeping and reporting requirements common to the emission standards for hazardous air pollutants promulgated under Regulation 38. This action affects any owner or operator of a stationary source that is or will be subject to any standard, limitation or prohibition established by Regulation 38 and ensures consistency of Subpart A with federal changes expected in April 2003. Contact James Snead, 323-4542

2002-08: Pollution Control Strategy (PCS) for implementing nutrient load reductions set by the TMDL for the Murderkill River and its tributaries. The PCS will cover activities in the entire watershed, including land areas draining into Browns Branch, Double Run, tidal and freshwater portions of the Murderkill River and several ponds and lakes. This regulation will establish actions to achieve the maximum nutrient loading and is necessary to improve water quality and attain the fishable and swimmable goals of the federal Clean Water Act. Contact John Schneider, 739-4590

2002-07: Pollution Control Strategy (PCS) for implementing nutrient load reductions set by the TMDL for the Nanticoke River, Broad Creek and their tributaries. The PCS will cover activities in the entire watershed. This regulation will establish actions to achieve the maximum nutrient loading and is necessary to improve water quality and attain the fishable and swimmable goals of the federal Clean Water Act. Contact John Schneider, 739-4590

2002-06: Pollution Control Strategy (PCS) for implementing nutrient load reductions set by the TMDL for Indian River, Indian River Bay, Rehoboth Bay and their tributaries. This regulation will establish actions to achieve the maximum nutrient loading and is necessary to improve water quality and attain the fishable and swimmable goals of the federal Clean Water Act. Contact John Schneider, 739-4590

2000-23: Amendments to Regulation 24, Control of Volatile Organic Compound (VOCs) Emissions. This action would add a new section to the air pollution control regulations in order to control VOC emissions from lightering operations. Lightering is the transfer of cargo (usually crude oil) from ocean going vessels to service barges to allow the vessels to proceed upriver. During the cargo transfer, uncontrolled VOCs are emitted. This action is being developed to obtain additional VOC emission reductions for meeting Delaware's 1-hour ozone attainment. Contact James Snead – 323-4542



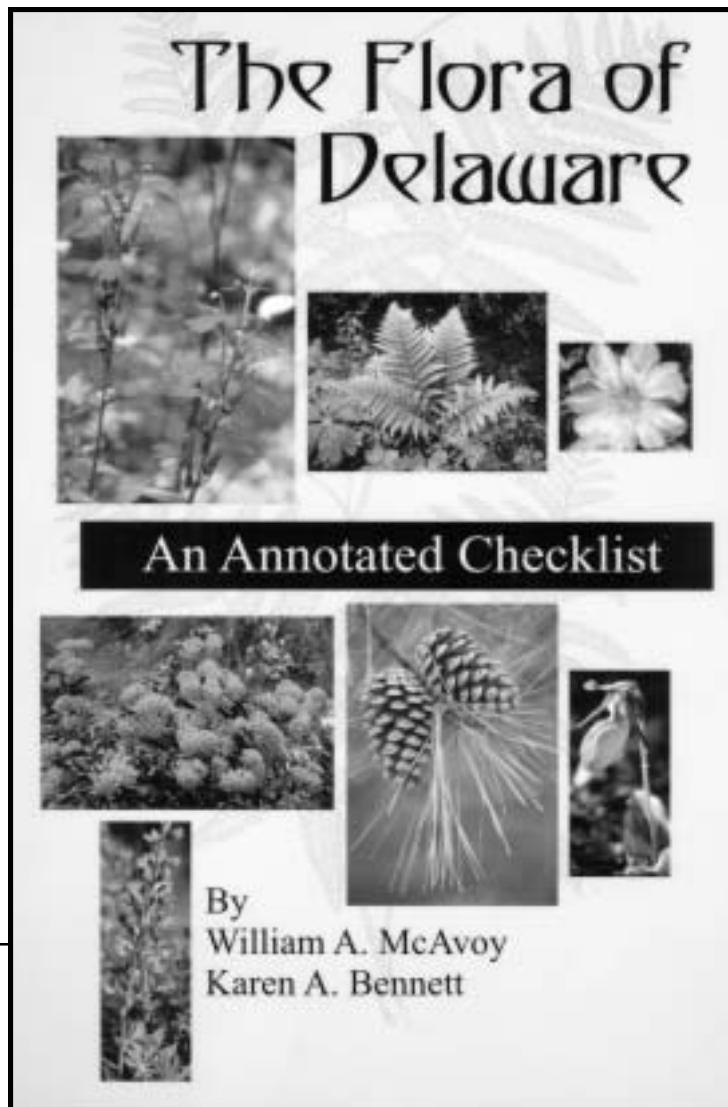
Garden Safely in Urban Soils

The Soil Pollution Working Group, a collaborative group concerned about residents' health and outdoor activities, has developed and published a brochure for safe gardening in urban soils.

Information on safe gardening in urban soils is targeted to residents living in or around areas with historic industrial pollution. These areas may be contaminated with chemicals that are left in the soil from leather factories, pressure treated wood, waste dumping, lead paint, leaded gasoline and other sources.

Soil contamination continues to happen when people dump trash, oil, paints, chemicals and pesticides on the ground, or when old lead paint peels fall onto the soil.

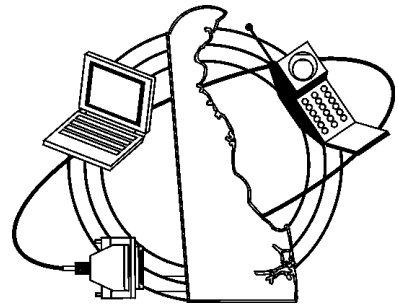
For additional information on how to prevent pollution in urban soils, or to request a brochure, contact the Soil Pollution Working Group by calling the Delaware Center for Horticulture, Jonathan Lukens, (302) 658-6262, ext. 35.



The Flora of Delaware is available for \$14 + \$3 shipping. If you are interested in receiving a copy, please call for more information (302-653-2880) or send a check payable to the Delaware Division of Fish and Wildlife to the Delaware Natural Heritage Program, Flora of DE, 4876 Hay Point Landing Road, Smyrna, DE 19977.

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Or

Notify me of released from specific facilities: (list name and address: attach additional sheet if necessary.)



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